

20000412.qrp v01\_n789.qrl.20000412

Date: Wed, 12 Apr 2000 19:03:07 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1789

## QRP-L Digest 1789

Topics covered in this issue include:

- 1) [67700] Re: New QRP slogan  
by Marty <N5NW@midsouth.rr.com>
- 2) [67701] RE: Fwd: [CW] THE FINAL FINAL FINAL  
by "Ed Tanton" <n4xy@att.net>
- 3) [67702] TEST - DELETE  
by HWRM1SS@aol.com
- 4) [67703] QRP Get-together 1999  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 5) [67704] Re: New QRP slogan... Another suggestion...  
by K2UD@aol.com
- 6) [67705] Ten-Tec #227 Tuner SOLD  
by "Eric Moore" <emoore@windemullerelectric.com>
- 7) [67706] Re: Little Joe transmitter  
by K2UD@aol.com
- 8) [67707] Shootin' Elephants [ WAS Re: Dayton "FDIM"]  
by "Scott Hotchkiss" <w4pj@bellsouth.net>
- 9) [67708] Re: Slogan  
by Craig LaBarge <LaBarge\_C@compuserve.com>
- 10) [67709] LDG toroid issue all OK now  
by "Dave Benham" <dodgeboy@mindspring.com>
- 11) [67710] Re: ARRL and QRP - new TIS web page  
by "Cla KA0GKC" <ka0gkc@arrl.net>
- 12) [67711] Re: New QRP slogan  
by David M Kopacki <kf2ew@juno.com>
- 13) [67712] re: slogan  
by "Dave Benham" <dodgeboy@mindspring.com>
- 14) [67713] Re: QRP slogan  
by Rick McKee <kc8aon@juno.com>
- 15) [67714] ArkieCon:tryin' to recover  
by Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
- 16) [67715] Misc. Items FOR SALE:  
by "Kevin E. Gray" <k8su@clover.net>
- 17) [67716] SLOGAN  
by tom palmer <n1tp@worldnet.att.net>
- 18) [67717] Kantronics Rockhound for sale/QRP slogan  
by Goemans <jgoemans@facstaff.wisc.edu>
- 19) [67718] FS: SP 930

- by paule@sfu.ca
- 20) [67719] Re: QRP Slogan  
by "Carlos J. Caro" <cjcaro@nail.com>
  - 21) [67720] Re: SLOGAN  
by Vince Werber <kaliic@ime.net>
  - 22) [67721] Re: New QRP slogan  
by "Dan W. Dooley" <dandooley@pipeline.com>
  - 23) [67722] Another New QRP slogan  
by arrowhead1@characterlink.net (Ted Danchi)
  - 24) [67723] RE: Another New QRP slogan  
by "ElectronicsUSA.com" <>wpc@west.net>
  - 25) [67724] WANT TT PS for Argo II  
by Patrick Armstrong <aa7fg@gte.net>
  - 26) [67725] Re: QRP Slogan  
by "Victor Blackwell" <victor@brecnet.com>
  - 27) [67726] Re: Milliwatt Contest this weekend "Second Leg of the Triple Crown"  
by "Jay Bromley" <w5jay@alltel.net>
  - 28) [67727] RE: Fwd: [CW] THE FINAL FINAL FINAL  
by Larry East <w1hue@amsat.org>
  - 29) [67728] FYBO 2000 - addition to scores  
by Roger Hightower <n7kt@worldnet.att.net>
  - 30) [67729] Re: For Sale AEA DX Handy 6m Tranceiver  
by John Paul Dooley <w6zip@gte.net>
  - 31) [67730] slogan  
by "The One and Only!" <mitch96@pobox.com>
  - 32) [67731] Slogan  
by "The One and Only!" <mitch96@pobox.com>
  - 33) [67732] RE: Fwd: [CW] THE FINAL FINAL FINAL  
by Bob Patten <n4bp@bc.seflin.org>
  - 34) [67733] CQ CQ CQ NYC !...  
by =?iso-8859-1?Q?St=E9phane\_Collas?= <scollas@club-confair.com>
  - 35) [67734] KD7S Ant.Tuner  
by John Paul Dooley <w6zip@gte.net>
  - 36) [67735] FS: Emtech ZM-1 kit, unbuilt  
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
  - 37) [67736] CQ Angelo Drammissi, K3YUN CQ  
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
  - 38) [67737] Re: super loop  
by "Sly, 9M8SL" <cqsly@tm.net.my>
  - 39) [67738] Eastern Carolines  
by n4so@juno.com
  - 40) [67739] Re: New Antenna Patent  
by "Terres Family" <terresfm@ncia.net>
  - 41) [67740] Re: Fwd: [CW] THE FINAL FINAL FINAL  
by Dick Carroll <dixie@townsqsr.com>
  - 42) [67741] Re: MFJ-9020 Audio Output level ???  
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
  - 43) [67742] Re: Dayton "FDIM"?

by Henry Freedenberg <henryf@quartz.gly.fsu.edu>  
44) [67743] Re: [Elmer101/SW40] Question about tx mixer  
by David Siegrist <david.siegrist@compaq.com>  
45) [67744] RE: ARRL and QRP - new TIS web page  
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>  
46) [67745] Re: Dayton "FDIM"?  
by Marty <N5NW@midsouth.rr.com>  
47) [67746] Re: KD7S Ant.Tuner  
by Bill Jones <kd7s@psnw.com>  
48) [67747] Re: super loop  
by David Heintzleman <pstrdave@kdsi.net>  
49) [67748] [w5xe@juno.com: Fw: RE: Cut Numbers.]  
by af852@rgfn.epcc.edu (William R Colbert)  
50) [67749] [w5xe@juno.com: Fw: Re: Multiband radials]  
by af852@rgfn.epcc.edu (William R Colbert)  
51) [67750] [w5xe@juno.com: Fw: Re: FCC license site! AKA: ULS]  
by af852@rgfn.epcc.edu (William R Colbert)  
52) [67751] [w5xe@juno.com: Fw: Re: ARRL and QRP - new TIS web page]  
by af852@rgfn.epcc.edu (William R Colbert)  
53) [67752] I need a magnet for my NorCal K8FF Paddle Keyer Kit!  
by "Mike Pupeza" <michael.pupeza@sympatico.ca>  
54) [67753] HaiQ-RP  
by aa5yx@juno.com  
55) [67754] Are you ready to Rumble? psk31 that is  
by Jim Hale <kj5tf@yahoo.com>  
56) [67755] QTH location-RF Sponge  
by David Shalita <af389@lafn.org>  
57) [67756] Re: HaiQ-RP  
by "The Weinsteins" <weinsteins@home.com>  
58) [67757] Remove Me From This List Please  
by Reece.Joel@epamail.epa.gov  
59) [67758] Aurora in Effect  
by Lyons <lyons@canada.com>  
60) [67759] Re: Fwd: [CW] THE FINAL FINAL FINAL  
by Arjen Raateland <Arjen.Raateland@vyh.fi>  
61) [67760] ArkieCon  
by Jim Glover <psykey@okcforum.org>  
62) [67761] SMK-1: Progress Report  
by "Doug Hendricks" <ki6ds@hotmail.com>  
63) [67762] beacons around 7039 kHz  
by Arjen Raateland <Arjen.Raateland@vyh.fi>  
64) [67763] Re: super loop  
by "Sly, 9M8SL" <cqsly@tm.net.my>  
65) [67764] HB: Another SMT PC proto method  
by Charlie Panek <charlie\_panek@agilent.com>  
66) [67765] FS: Yasea FT690RII  
by Ronald\_A\_Pfeiffer@res.raytheon.com  
67) [67766] FS:FT690RII

by Ronald\_A\_Pfeiffer@res.raytheon.com  
68) [67767] FS: Ten-Tec Century 21  
by "Eric Moore" <emoore@windemullerelectric.com>  
69) [67768] Case/cabinet needed  
by "Rod, N0RC" <n0rc@qsl.net>  
70) [67769] FS: NORCAL NC20 Kit  
by "KA5T Larry Wise" <lewise@inetport.com>  
71) [67770] NC-xx vs DSW-xx  
by "Rich Clemens" <clemens@wvwc.edu>  
72) [67771] case/ cabinet  
by tom whalen <wb5qyt@eFortress.com>  
73) [67772] mWatt contest this weekend  
by "Dieter \ (Diz\ ) Gentzow WB8QYY" <wb8qyy@cinci.rr.com>  
74) [67773] Case Types  
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>  
75) [67774] Status of K7QO  
by Chuck Adams <adamsc@pr.erau.edu>  
76) [67775] Re: Fwd: [CW] THE FINAL FINAL FINAL  
by "Bradfield, Brad V." <BBradfield@spectrapoint.com>  
77) [67776] Century 21 SOLD  
by "Eric Moore" <emoore@windemullerelectric.com>  
78) [67777] Re: Dayton "FDIM"?  
by Tom Isgro <k8cz@concentric.net>  
79) [67778] Re: Fwd: [CW] THE FINAL FINAL FINAL  
by "Mel Evans" <mel@euramcom.freeseve.co.uk>  
80) [67779] Slogans  
by Bruce Muscolino <w6toy@erols.com>

---

Date: Tue, 11 Apr 2000 18:09:29 -0500  
From: Marty <N5NW@midsouth.rr.com>  
To: qrp-l@lehigh.edu  
Subject: [67700] Re: New QRP slogan  
Message-ID: <i2c7fsof45dj3u0msrnfu2p0q9dqj2q99@4ax.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

On Tue, 11 Apr 2000 13:45:49 -0400, "Hare, Ed, W1RFI" <w1rfi@arrl.org> =  
wrote:

>How about "Less Power to You!" :-)

Says it all, in my humble opinion.

Marty WATT (from my 3-Watt shack -- Candy, Sarah, and Me!)

--

Marty, N5NW

-----  
Lakeland (Memphis), Tennessee  
<http://marty.w.tripod.com/>  
N5NW@midsouth.rr.com

-----  
Date: Tue, 11 Apr 2000 19:20:52 -0400  
From: "Ed Tanton" <n4xy@att.net>  
To: <dixie@townsqrr.com>, <b\_bradfield@yahoo.com>  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [67701] RE: Fwd: [CW] THE FINAL FINAL FINAL  
Message-ID: <NBBBJDEEIFDDANGEGHLBIEPFJKAA.n4xy@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="us-ascii"  
Content-Transfer-Encoding: 7bit

It's done with MARS stations every year.

Ed Tanton      N4XY      <n4xy@arrl.net>

Website: [www.qsl.net/n4xy](http://www.qsl.net/n4xy)                      Elecraft K2 #0057 (FT)

"Do what's right. You'll please some people, and amaze everyone else."

Mark Twain

-----  
Date: Tue, 11 Apr 2000 19:26:57 EDT  
From: HWRM1SS@aol.com  
To: njqrp@njqrp.org, qrp-l@lehigh.edu  
Subject: [67702] TEST - DELETE  
Message-ID: <c0.2939733.26250ec1@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

TEST

-----  
Date: Tue, 11 Apr 2000 17:31:07 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>  
Subject: [67703] QRP Get-together 1999  
Message-ID: <Pine.LNX.3.95.1000411172021.19294A-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I've put a page up on my web site about the first Glacier/Waterton hamfest QRP Get-together held last year in the middle of July...I have the group picture (I'll put the names & calls in soon) on it so far plus text....the picture is abt 64K....I will reduce it later....the quality is not the best but I'm learning...hi hi...this picture was taken at one end of the 3 Forks campground pavilion which is located about in the middle of the area slightly off to the one side....as I learn I will have more pictures of the Show & Tell along with names and calls.....it's at:

<http://www.qsl.net/ve5qrp> ...and it's the link at the bottom of the page.....I would appreciate constructive criticism....thank you.....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
Date: Tue, 11 Apr 2000 19:31:09 EDT  
From: K2UD@aol.com  
To: qrp-1@lehigh.edu  
Subject: [67704] Re: New QRP slogan... Another suggestion...  
Message-ID: <20.468b4d7.26250fbd@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I like:

QRP: It's not just a good idea, it's the law.

-----  
Date: Tue, 11 Apr 2000 19:32:02 -0400  
From: "Eric Moore" <emoore@windemullerelectric.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [67705] Ten-Tec #227 Tuner SOLD  
Message-ID: <E1BF4505A473D311AC9900C0F026715F06D6A0@WINDY\_COM>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Tuner is sold.

Thanks,  
Eric  
K8CCA

-----  
Date: Tue, 11 Apr 2000 19:40:02 EDT  
From: K2UD@aol.com  
To: Doug.Davies@gems3.gov.bc.ca  
Cc: qrp-1@lehigh.edu  
Subject: [67706] Re: Little Joe transmitter  
Message-ID: <74.2a7f1da.262511d2@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

The original (a universal transmitter) is in Solid State Design for the Radio Amateur. The Little Joe is treated in QRP Classics under Experimenting for the Beginner. In the same tome as A QRP Transmitter for 30M. Look in Sept 1981 QST also.

I built the original using the artwork in SSD. It suffered from oscillation in the final area. Built the Little Joe from a Circuit Board Specialists kit (really miss them). Worked perfectly. Mine is on 20M, cool what you can do with that hand-held thing!

72

Howard Kraus, K2UD

-----  
Date: Tue, 11 Apr 2000 19:46:34 -0400  
From: "Scott Hotchkiss" <w4pj@bellsouth.net>  
To: <schoon@amgt.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [67707] Shootin' Elephants [ WAS Re: Dayton "FDIM"]  
Message-ID: <006901bfa410\$2c728d40\$2352d6d1@w4pj>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

My Elmer used to say, " It's like shootin' elephants  
thru the slits in the bushes with a pea-shooter!"

Scott R. Hotchkiss  
Fort Lauderdale, Florida  
----- Original Message -----

From: <schoon@amgt.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Tuesday, April 11, 2000 3:11 PM  
Subject: RE: Dayton "FDIM"?

> QRP IS DX  
>  
> .mark  
>  
> >-----  
> >From: Michael Neverdosky[SMTP:mneverdosky@earthlink.net]  
> >Sent: Tuesday, April 11, 2000 8:09 AM  
> >To: Low Power Amateur Radio Discussion  
> >Subject: Re: Dayton "FDIM"?  
> >  
> >PDouglas12@aol.com wrote:  
> >  
> >> Something to consider. For years, the DX crowd at Dayton have been  
running  
> >> their own sideshow with banquet, forums, etc. They wear T-shirts with  
the  
> >> slogan, "DX IS." I think they mean to say the DX is a way of  
thinking--a  
> >> whole hobby unto itself. So is QRP. Our slogan ought to be, "QRP IS."  
> >  
> >How about;  
> >  
> > QRP  
> >Sometimes a whisper is louder than a shout.  
> >  
> >  
> >michael N6CHV  
> >  
>

-----  
Date: Tue, 11 Apr 2000 19:57:12 -0400  
From: Craig LaBarge <LaBarge\_C@compuserve.com>  
To: QRP-L Mailing List <qrp-1@lehigh.edu>



Subject: [67708] Re: Slogan  
Message-ID: <200004111957\_MC2-A0D6-51F4@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

How about: =

"Just Say No to QRO!"

or...

"A couple of watts is all I gots"

73, Craig WB3GCK

-----  
Date: Tue, 11 Apr 2000 20:02:54 -0400  
From: "Dave Benham" <dodgeboy@mindspring.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [67709] LDG toroid issue all OK now  
Message-ID: <009901bfa412\$74da66a0\$93d279a5@hqa.chrysler.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks to everyone (including Jennifer at LDG!) who e-mailed me about the LDG toroid questions. I'm all straightened out now.

I have the correct toroids. Mine are 1/2" in diameter as a T50 should be (the "50" standing for .50"). And the colors are OK. I am colorblind and when I see something unexpected about color, I quit real quick and ask my wife. All 9 toroids were still in the bag and it looked like 5 red and 4 gray. As it turns out, when the bag was flipped upside down there were 4 red and 5 gray! Apparently, the toroids are red on the outside diameter and on one side and gray on the other side -- which is what they should be. There is a separate smaller gray one in another bag that I was not considering part of the "problem".

Jennifer at LDG and I exchanged a few e-mails and I am all straightened out as to how to wind the toroids, too. If the wire goes through the center once, that's one "turn". I'm too used to tying flyfishing knots in leaders and tippets I guess!

Well, back at it. I want to get this thing built! Thanks again all.

Dave K8TRF

-----  
Date: Tue, 11 Apr 2000 18:58:08 -0500  
From: "Cla KA0GKC" <ka0gkc@arrl.net>  
To: <w1rfi@arrl.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [67710] Re: ARRL and QRP - new TIS web page  
Message-ID: <012301bfa412\$75facac0\$0200000a@mcg.net>

Ed,

| See <http://www.arrl.org/tis/info/qrphome.html>.  
|  
| Suggestions encouraged!

Great job! QRP owes you one, again!

-----  
73 de KA0GKC Claton Cadmus  
ka0gkc@arrl.net  
MNQRP #1  
Minnesota QRP'ers we're looking for you!  
Email me or visit this page <http://www.qsl.net/mnqrp>

-----  
Date: Tue, 11 Apr 2000 20:15:12 -0400  
From: David M Kopacki <kf2ew@juno.com>  
To: N5NW@midsouth.rr.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [67711] Re: New QRP slogan  
Message-ID: <20000411.201738.-157227.0.kf2ew@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Here's my favorite: "QRP is very little fun."

On Tue, 11 Apr 2000 18:09:29 -0500 Marty <N5NW@midsouth.rr.com> writes:  
> On Tue, 11 Apr 2000 13:45:49 -0400, "Hare, Ed, W1RFI"

> <w1rfi@arrl.org> wrote:  
>  
> >How about "Less Power to You!" :-)  
>  
> Says it all, in my humble opinion.  
>  
> Marty WATT (from my 3-Watt shack -- Candy, Sarah, and Me!)  
>  
>  
> --  
> Marty, N5NW  
>

---

-----  
> Lakeland (Memphis), Tennessee  
> <http://marty.w.tripod.com/>  
> N5NW@midsouth.rr.com

---

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<http://dl.www.juno.com/get/tagj>.

---

Date: Tue, 11 Apr 2000 20:28:18 -0400  
From: "Dave Benham" <dodgeboy@mindspring.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [67712] re: slogan  
Message-ID: <019901bfa416\$00f2a140\$93d279a5@hqa.chrysler.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

How about "Quit Running Power"

---

Date: Tue, 11 Apr 2000 18:48:49 EDT  
From: Rick McKee <kc8aon@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [67713] Re: QRP slogan  
Message-ID: <20000411.204114.4567.1.kc8aon@juno.com>

I've done so much so long with so little, I can now do everything with

nothing - GO QRP !

73...Rick McKee KC8AON { CW lives as long as I do ! }  
Willow Wood, Ohio "oo's"  
AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33  
TriState BrassPounders # 1

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!

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<http://dl.www.juno.com/get/tagj>.

-----  
Date: 09 Apr 2000 20:59:16 -0400  
From: Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>  
To: qrp-l;;  
Subject: [67714] ArkieCon:tryin' to recover  
Message-ID: <2000Apr09.205916-0400@[130.113.234.7]>

Just recovering from ArkieCon (wow, two days to recover from two days!). I'll tell you: snowy, dreary Hamilton sure didn't seem inviting on return.

Jay, and Kelsey, Win, and crew have done an amazing job creating a major event, drawing folks from far and wide. Have to thank Kelsey for taking time to show me the Fort, (including the hangin' place), and surrounding area - its a beautiful place. And Jay fussed over every little detail...sure wish he could be one of the happy attendees to see the great effect of his own efforts.

Meeting so many good folks alone would have been enough, but having a 'fest, and QRP forum, and playing with all the equipment was just bonus, bonus, bonus.

That Doug Hendricks guy can make an antenna from scratch so fast! If it were a fish, it'd be cleaned, fried, and on your plate before it had done its final flip-flop. And the two antenna gurus Dave Gauding and Jim Duffey had super suggestions for stealthy, efficient radiators. Their designs shone in the post-forum test-drive.

Paul Harden can comfortably include "jello" and "geomagnetic index" in the same sentence, and explain wicked astrophysics with no math! He has replaced empty space with fields, and electrons, and wild, monumental events that link the sun and earth. You just

gotta make space for his talk in your calander.

I realize there's been a few posts about ArkieCon, but  
get the message - these good folks have a Good Thing  
going!

-Glen VE3DNL

-----  
Date: Tue, 11 Apr 2000 21:13:31 -0400  
From: "Kevin E. Gray" <k8su@clover.net>  
To: qrp-1@Lehigh.EDU  
Subject: [67715] Misc. Items FOR SALE:  
Message-ID: <012501bfa41c\$519f57e0\$958efea9@user>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have the following items for sale. Prices are plus shipping.

38 Special Built and working \$49

38 Special 95% complete \$33

TWO FER completely built with docs \$29

Rainbow Tuner with SWR in a nice case \$65

Palomar Engineers RX Noise Bridge \$10

Cases various sizes for building

BNC Attenuator Model 50F-006 6dB \$10

Other misc items for building.

please reply direct to

k8su@clover.net

thanks,

Kevin

-----  
Date: Tue, 11 Apr 2000 21:24:54 -0400  
From: tom palmer <n1tp@worldnet.att.net>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [67716] SLOGAN  
Message-ID: <38F3D066.1CDE2517@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

QRP = "Quite riproaring peewee"

Tom, N'TP  
Naples, Florida

-----  
Date: Tue, 11 Apr 2000 20:28:37 -0500  
From: Goemans <jgoemans@facstaff.wisc.edu>  
To: qrp-l@lehigh.edu  
Subject: [67717] Kantronics Rockhound for sale/QRP slogan  
Message-ID: <3.0.2.32.20000411202837.006a02a0@facstaff.wisc.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Greetings,

I am selling my Kantronics Rockhound 80 mtr crystal-controlled transmitter. From about 1979, almost new condition. The case is Bakelite, 2 1/2 by 4 by 1 1/2 inches tall. The circuit is a 74C04 crystal oscillator/driver and a VN66AF final. I get 3 watts out on a gel-cell, and excellent reports.

I have the \*original\* 1-page sale flyer and 1-page owners manual/schematic, and copies of blueprints from Kantronics engineering dept, and \*hand-written\* assembly notes from (I think) Phil Anderson W0XI, Kantronics prez.

Guess what Kantronics has as a sales slogan on the sales flyer. "Kantronics, the lightweight champs". And we wanted a new QRP slogan, eh? Well, this could be it!!!

I will throw in a 3.579545 Mhz crystal and ship in conUS for the first \$50 offer.

Paul Goemans WA9PWP  
1508 Sundt Lane Stoughton, Wi 53589  
wa9pwp@arrl.net

-----  
Date: Tue, 11 Apr 2000 17:36:19 YDT  
From: paule@sfu.ca  
To: qrp-1@Lehigh.EDU  
Cc: qrp-canada@lists.gpfn.sk.ca  
Subject: [67718] FS: SP 930  
Message-ID: <200004120136.SAA06488@rm-rstar.sfu.ca>  
Content-Type: text/plain  
Content-Disposition: inline  
Mime-Version: 1.0

For sale, SP 930. Asking \$95.00 usd plus shipping.

cheers, Paul - VA7NT - email: paule@sfu.ca

-----  
Date: Wed, 12 Apr 2000 01:59:32 -0600  
From: "Carlos J. Caro" <cjcaro@nail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [67719] Re: QRP Slogan  
Message-ID: <00e001bfa455\$09dcbd60\$41d396d8@default>

All,

For what it's worth, my vote goes to:

"MilliWatt's Happening"

Regards,

Carlos #1333

-----  
Date: Tue, 11 Apr 2000 22:06:41 -0700

From: Vince Werber <kaliic@ime.net>  
To: kaliic@ime.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [67720] Re: SLOGAN  
Message-ID: <38F40453.1F59@ime.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

How about...

The Environmentally friendly way to be...

QRP

72  
VInce  
kaliic  
aat1ai  
-.-.-

-----  
Date: Tue, 11 Apr 2000 20:58:31 -0500  
From: "Dan W. Dooley" <dandooley@pipeline.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [67721] Re: New QRP slogan  
Message-ID: <004a01bfa422\$9eac5280\$05987b7b@CSS0048.bergenbrunswick.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

And of course to quote the Constable of France as the French were preparing for battle against the English at Agincourt which resulted in the strong and well equipped French army, though outnumbering the worn out English army by 5 to 1, being sorely trounced by the English (Shakespeare's Henry V):

"A very little little let us do."

Dan W. Dooley WB5TKA Bedford, Texas EM12ku  
e-mail to: dandooley@pipeline.com  
May Goddes love blest ye alle  
SOC#198



"Ancient Pistol, I do partly understand your meaning."

-----Original Message-----

From: David M Kopacki <kf2ew@juno.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Tuesday, April 11, 2000 7:21 PM  
Subject: Re: New QRP slogan

>Here's my favorite: "QRP is very little fun."  
>

-----

Date: Tue, 11 Apr 2000 22:28:49 -0400  
From: arrowhead1@characterlink.net (Ted Danchi)  
To: QRP-L Reflector <qrp-l@Lehigh.EDU>  
Subject: [67722] Another New QRP slogan  
Message-ID: <38F3DF61.FCE02A44@characterlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I saw Joe's (W2KJ's) note about his new QRP slogan and t-shirts. I actually have a t-shirt that my friends had specially created for me that reads "QRP is NOT for sissies!". This slogan is surrounded by multi-colored lightning bolts. It's not the kind of shirt one wants to wear to the Alpha (amplifiers :-)) manufacturing plant, but I sure like the way it "says it like it is"!

--

Michael F. Danchi, KE4TSA  
Violinist  
"Guardian 7"

-----

Date: Tue, 11 Apr 2000 19:53:21 -0700 (PDT)  
From: "ElectronicsUSA.com" <wpc@west.net>  
To: qrp-l@Lehigh.EDU  
Subject: [67723] RE: Another New QRP slogan  
Message-ID: <20000412025321.A924924B25@acme.sb.west.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 10:28 PM 04/11/2000 -0400, you wrote:

>I saw Joe's (W2KJ's) note about his new QRP slogan and t-shirts.

I've been selling QRP T-shirts on my site for 3 years now and everyone likes our slogan:

"Minimal Means Maximum Fun"

QRP T-Shirt URL: <http://ElectronicsUSA.com/mk17.html>

72, Jack

```
=====
                Jack Roblin
                ElectronicsUSA.com
"The Specialty Electronics Website"
        ***VISIT OUR WEBSITE***
        http://ElectronicsUSA.com
=====
```

```
-----

Date: Tue, 11 Apr 2000 20:00:54 -0700
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-l@Lehigh.EDU
Subject: [67724] WANT TT PS for Argo II
Message-ID: <38F3E6E6.84A53F4A@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
```

Hello to All,

I just purchased a Tentec Argonaut II MDL-535 and I am looking for the matching power supply they offered to accompany the radio. I know they had one for the Delta II rig and would also be interested in that. If all else fails, I would take a matching supply for the Scott series. Thanks for the bandwidth and help...

Pat, AA7FG - Oregon...

```
-----
```

Date: Tue, 11 Apr 2000 23:12:35 -0400  
From: "Victor Blackwell" <victor@brechnet.com>  
To: <cjcaro@nail.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [67725] Re: QRP Slogan  
Message-ID: <001a01bfa42c\$f3c5b540\$495730d1@pavilion>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

My favorite also.       "milliWatt's Happening"

Vic AD8K

>All,  
>  
>For what it's worth, my vote goes to:  
>  
>"MilliWatt's Happening"  
>  
>Regards,  
>  
>Carlos #1333  
>  
>

-----  
Date: Tue, 11 Apr 2000 22:10:24 -0500  
From: "Jay Bromley" <w5jay@alltel.net>  
To: <wd3p@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [67726] Re: Milliwatt Contest this weekend "Second Leg of the Triple Crown"  
Message-ID: <00f801bfa42c\$a610d320\$5b9b66a6@w5jay>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Larry and gang,  
The purpose of the time shift is to give everyone a good shot at the gray line. As with anything there will be fine tunes later. Also no problem with the decimal thing ( W, R, mW ). Use the one you think is best and the important thing is to have fun. We will make fine tunes next year. Cu in

the test!  
73 de w5jay..

> Jay  
>  
> I have a question about the times. It seems we have a mix of UTC time  
> with local dates. here.  
>  
> Time period one is 4/14 2200z to 4/15 0200z  
> Time period two is 4/15 0000z to 4/15 0400z  
> Time period three is 4/16 0200z to 4/16 0600z  
>  
> Now I don't have a real problem with the times. I just want to know do I  
> get to double count the QSOs between 0000 and 0200z on 4/15?  
>  
> And I'm sure glad I don't have to stay up till 2am east coast time Sunday  
> evening - I got work the next day.  
>  
> Have fun - 73 de Larry.....WD3P in MD  
>

-----  
Date: Tue, 11 Apr 2000 19:57:15 -0600  
From: Larry East <w1hue@amsat.org>  
To: qrp-l@lehigh.edu  
Subject: [67727] RE: Fwd: [CW] THE FINAL FINAL FINAL  
Message-ID: <3.0.5.32.20000411195715.0094a100@mail.ida.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>  
> This cw-only event is scheduled for Saturday 29th April 2000 from  
> 0700z  
> to 1900z.  
>  
> Callsign      Frequency      Amateur Frequency    +/-5kHz  
> GKB2            4274                3525  
> GKB4            8559.5             7025  
> GKB5            12835.4            14050  
> GKB6            17113             18075  
> GKB7            22448.7           21050  
>

Is such cross-service operation legal??

-----  
Date: Tue, 11 Apr 2000 22:44:32 -0700  
From: Roger Hightower <n7kt@worldnet.att.net>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [67728] FYBO 2000 - addition to scores  
Message-ID: <38F40D40.81FF285@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

One log was lost between here and Montana. Add this one in 23rd place:

K0YWD 22 qso's, 7,744 points.

I saw him in some of the other logs, but couldn't find him in the paper pile. Sri abt that.

--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

-----  
Date: Tue, 11 Apr 2000 22:46:15 -0700  
From: John Paul Dooley <w6zip@gte.net>  
To: QRP-L@Lehigh.EDU  
Subject: [67729] Re: For Sale AEA DX Handy 6m Tranceiver  
Message-ID: <38F40DA6.869C2B31@gte.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks to all those on the list that enquired. The DX Handy has been sold. -73

FROM THE HIGH DESERT OF SOUTHERN CALIFORNIA, WHERE HAVE ALL THE MOUNTAIN-TOPPERS GONE?

W6Zip

-----  
Date: Wed, 12 Apr 2000 02:26:39 -0400  
From: "The One and Only!" <mitch96@pobox.com>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [67730] slogan  
Message-ID: <38F4171F.D28D8D1A@pobox.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

then there is the ZEN idea of qrp  
qrp, Less is More.....

and our spokesman,  
Les Ismore..

--  
73, mitch ww4ml  
lost in the ethers again.. --  
                  \_\\/\_  
                  \\/\_/

-----  
Date: Wed, 12 Apr 2000 02:31:39 -0400  
From: "The One and Only!" <mitch96@pobox.com>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [67731] Slogan  
Message-ID: <38F4184B.FFD8117C@pobox.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

how about,

"ok put down the linear, step back from the rig, and place your hands  
over your head.....

..and send with your left foot"

--  
73, mitch ww4ml  
lost in the ethers again.. --  
                  \_\\/\_  
                  \\/\_/

-----  
Date: Wed, 12 Apr 2000 02:34:36 -0400 (EDT)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: Larry East <w1hue@amsat.org>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [67732] RE: Fwd: [CW] THE FINAL FINAL FINAL  
Message-ID: <Pine.3.89.10004120234.A27753-01000000@bc.seflin.org>  
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 11 Apr 2000, Larry East wrote:

>

> Is such cross-service operation legal??

>

Been done on Armed Forces Day every year for as long as I can remember...

73,

Bob Patten, N4BP

, ' ' ' ' ,

( 0 0 )

Plantation, FL

-----o00o-( )-o00-----

E-Mail: [n4bp@bc.seflin.org](mailto:n4bp@bc.seflin.org)

Web Page: <http://www.qsl.net/n4bp>

Brass Pounder BBS: (954) 472-7715

SOC #1Whiners #6

-----  
Date: Tue, 11 Apr 2000 08:38:09 +0200

From: =?iso-8859-1?Q?St=E9phane\_Collas?= <[scollas@club-confair.com](mailto:scollas@club-confair.com)>

To: "Low Power Amateur Radio Discussion" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>

Subject: [67733] CQ CQ CQ NYC !...

Message-ID: <00d101bfa380\$80f8e5c0\$620a1fc0@magic.fr>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hello all,

We are planning to visit New-York city in a few weeks for about 4days.

I am wondering where I can find Ham Radio Club to meet other Hams ?

I also plan to purchase an K2.

Where can I find Ham Radio Shop ?

73's de Steph, F5NZY.

<http://www.qsl.net/f5nzy>

-----

Date: Wed, 12 Apr 2000 00:35:43 -0700  
From: John Paul Dooley <w6zip@gte.net>  
To: QRP-L@Lehigh.EDU  
Subject: [67734] KD7S Ant.Tuner  
Message-ID: <38F4274E.2B9A29BB@gte.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gentleman,  
Good morning, Can anybody provide me with info on the KD7S Antenna  
Tuner? Will it tune 28 Mhz QRP rigs. Where can I find more about this or  
similar tuners? Thank you in advance. -73

FROM THE HIGH DESERT OF SOUTHERN CALIFORNIA, WHERE HAVE ALL THE  
MOUNTAIN-TOPPERS GONE?  
W6ZIp

-----  
Date: Wed, 12 Apr 2000 03:48:20 -0400 (EDT)  
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [67735] FS: Emtech ZM-1 kit, unbuilt  
Message-ID: <Pine.LNX.4.10.10004120347180.28329-100000@w3eax.umd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Purchased about 2 yrs ago, never constructed either by me or the revious  
owner.

\$58 includes shipping in the US.

Scott Rosenfeld ARS N7JI  
541-684-9970 Eugene, OR Land o' much rain  
If you find me on the air, I'm probably in my car  
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

-----  
Date: Wed, 12 Apr 2000 03:49:47 -0400 (EDT)  
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [67736] CQ Angelo Drammissi, K3YUN CQ  
Message-ID: <Pine.LNX.4.10.10004120348510.28329-100000@w3eax.umd.edu>



MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Looking for Angelo, K3YUN, who sent me a note about a month ago and has never replied to my replies...

Hoping he's alive and well...

Scott Rosenfeld ARS N7JI  
541-684-9970 Eugene, OR Land o' much rain  
If you find me on the air, I'm probably in my car  
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

-----  
Date: Wed, 12 Apr 2000 16:53:18 +0800  
From: "Sly, 9M8SL" <cqsly@tm.net.my>  
To: pstrdave@kdsi.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [67737] Re: super loop  
Message-ID: <20000412085318.BMFF20922@user>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Dave,  
Greeting from East Malaysia, Borneo Island!  
I've always been interested in the wire loop,  
and would appreciate any infors you can pass me  
on the super loop stuffs, whether it be  
replies on the list or your personal experiences.

If I'm not mistaken, a friend of mine in the states opened the stup end and told me that Jim's Radio Works Super Loop 40 and 80, both has closed 1/4 wave stubs made of ladder line of 16 feet and 32 feet? respectively. Appreciate any infors on this (if it is so), and also there is a matching unit at the bottom of that loop b4 the coax feedline and do let me know what it is inside (if you have the answers)?

My knowledge on matching stubs are limited, and appreciate any help you can provide me thru' post and replies you gathered from the list...

Vy 73 frm Borneo,  
Sylvester (Sly) Liew, 9M8SL

At 09:28 AM 4/10/00 -0500, David Heintzleman wrote:  
>Hi there -  
>has anybody ever done an analysis with EZNEC or something similar on the  
>type of antenna that RadioWorks calls the super loop?  
>  
> Basically, it is a delta loop of 75% of wavelength, and an open  
>quarterwave stub of ladder line for the second harmonic, so it's not a  
>really a loop and it would appear to be a bi-square for the 2nd harmonic  
>with some gain.  
>  
>I would be interested to gain a sense of radiation pattern, etc, for  
>such a 40 mtr antenna, on 40, 30, and 20 mtrs - anybody on board ever  
>did such analysis?  
>  
>Dave Heintzleman  
  
>K8BBM  
>

-----  
Date: Wed, 12 Apr 2000 04:20:33 +0100  
From: n4so@juno.com  
To: qrp-1@Lehigh.edu  
Subject: [67738] Eastern Carolines  
Message-ID: <20000412.042410.-157185.2.N4S0@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Worked Eastern Carolines/ Micronesia on 14.027 at 1000Z  
Callsign V63VL

Ken Brown, N4SO  
Mobile, AL  
NorCal-20 at 5 watts  
4 element yagi

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.  
-----

Date: Wed, 12 Apr 2000 06:28:54 -0400

From: "Terres Family" <terresfm@ncia.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [67739] Re: New Antenna Patent  
Message-ID: <003501bfa469\$e8928120\$a081f3ce@computer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi,

Hi,

I have seen this before.

Its called a

flux

capacitor.

Its

what

makes

time

travel

possible.

Part of

the

NorCal

Tunatin2 Project.

Equipment

for the

power supply,

I believe,

is handled

by

PolyPhaser.

(an electron bouncing off a photon backwards in time to another place, to us, may look like a positron)

73/72

jerry aa1of

-----  
Date: Wed, 12 Apr 2000 06:46:15 -0700  
From: Dick Carroll <dixie@townsqr.com>  
To: n4bp@bc.seflin.org  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [67740] Re: Fwd: [CW] THE FINAL FINAL FINAL  
Message-ID: <38F47E27.C78CCFC@townsqr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Because that is specifically authorized in Part 97.111

Bob Patten wrote:

>

> On Tue, 11 Apr 2000, Larry East wrote:  
> >  
> > Is such cross-service operation legal??  
> >  
> Been done on Armed Forces Day every year for as long as I can remember...  
>

-----  
Date: Wed, 12 Apr 2000 07:52:03 -0400  
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>  
To: Firefox@Southwind.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [67741] Re: MFJ-9020 Audio Output level ???  
Message-ID: <38F46361.4F0F0E29@quartz.gly.fsu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Low speaker audio is par for the course on the 9020. I got around the problem by purchasing a cheap set of computer speakers and using the speaker with the amplifier as an external speaker. Tried running the speaker audio amp with 12v and had self oscillation problems. Cured that by building a voltage divider to hold speaker voltage to 9v. I think that the chip in the audio amp was a 386? Not sure. I gave an extensive play by play on this when I was doing it. Must be in the list archives somewhere.

After the 9020 was in production for 2-3 years some design changes were made (increased sensitivity?, better audio?...dont remember exactly what the design change entailed). One of the design changes was the addition of the center detent of the RIT. If your rig does not have the center detent it is one of the early models. As has been pointed out by Ranger Bob, there is nothing to prevent someone with lots of time on their hands from changing out the original RIT pot to the center detent model and then passing the rig off as the newer model. Seems to me that this would be more trouble than it is worth.

Henry

-----  
Date: Wed, 12 Apr 2000 07:56:01 -0400  
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>  
To: mneverdosky@earthlink.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [67742] Re: Dayton "FDIM"?

Message-ID: <38F4644F.F21FEC9B@quartz.gly.fsu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Michael Neverdosky wrote:

>  
>  
> QRP  
> Sometimes a whisper is louder than a shout.  
>

I'd go with some haiku like

Raid  
Kills Bugs  
Dead

Prize to first list member to come up with Haiku qrp slogan?  
Do we need to make this a NORCAL event?

Henry

-----  
Date: Wed, 12 Apr 2000 09:04:06 -0400  
From: David Siegrist <david.siegrist@compaq.com>  
To: qrp-l@lehigh.edu, n6wg@earthlink.net  
Subject: [67743] Re: [Elmer101/SW40] Question about tx mixer  
Message-ID: <38F47446.DBCFBB99@compaq.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bob, N6WG wrote:

>> If you calculate the series capacity of 47pf and 150pf,  
>> you get approximately 36pf. Crystals often are spec'd  
>> for 32 pf across them to give the intended frequency.

Great answer! So the the receiver 602 in the rig does not

have to pull the frequency, so putting two 47pf caps on it sets the capacitance to 24pf in parallel, which is probably what it is spec'd for, and gives the 50% divider which I would expect for a Colpitt osc.

The tx mixer on the other hand we are trying to pull the freq by 700 hz while still loading the crystal with the proper capacitance. 47pf in series with 150pf leaves about 36pf as you pointed out, still within spec, but pulling the freq.

I \*assume\* that there is something about the choice of values in the amount of drive desired for the 602 as well, but I will leave that for another discussion.

After I read your note I poked around the web and found the following site:

<http://www.westcrystal.com>

They have a pretty good explanation of the specs, including the 32pf load you mentioned.

Thanks for the note.

/dave nt1u

--

David Siegrist  
Compaq Computer Corp.            Alpha Processor Development  
334 South St.                    SHR 3-2/R28  
Shrewsbury, Ma. 01545

-----  
Date: Wed, 12 Apr 2000 09:03:05 -0400  
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>  
To: "'ka0gkc@arrl.net'" <ka0gkc@arrl.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [67744] RE: ARRL and QRP - new TIS web page  
Message-ID: <125490A005E3D3118C9C00805FC743CC3E1A03@mail.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"

Yeah, THIS one WAS my doing, but most of what the League has done lately for QRP has been on its own. All I do is take a few opportunities to help out from time to time. :-)

73 from ARRL HQ,

Ed Hare, W1RFI  
ARRL Laboratory Supervisor  
225 Main St.  
Newington, CT 06111  
860-594-0318  
Internet: w1rfi@arrl.org  
ARRL Web: <http://www.arrl.org/>.  
ARRL Technical Information Service: <http://www.arrl.org/tis>.

-----Original Message-----

From: Cla KA0GKC [mailto:ka0gkc@arrl.net]  
Sent: Tuesday, April 11, 2000 7:58 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: ARRL and QRP - new TIS web page

Ed,

| See <http://www.arrl.org/tis/info/qxphome.html>.

|

| Suggestions encouraged!

Great job! QRP owes you one, again!

----

73 de KA0GKC Claton Cadmus  
ka0gkc@arrl.net  
MNQRP #1  
Minnesota QRP'ers we're looking for you!  
Email me or visit this page <http://www.qsl.net/mnqrp>

-----  
Date: Wed, 12 Apr 2000 08:06:34 -0500  
From: Marty <N5NW@midsouth.rr.com>  
To: henryf@quartz.gly.fsu.edu  
Cc: qrp-l@lehigh.edu  
Subject: [67745] Re: Dayton "FDIM"?  
Message-ID: <60t8fs0r82gvb7h0uj09h04nkej2o1tsj0@4ax.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

On Wed, 12 Apr 2000 07:56:01 -0400, Henry Freedenberg  
<henryf@quartz.gly.fsu.edu> wrote:



>I'd go with some haiku like  
>  
>Raid  
>Kills Bugs  
>Dead  
>  
>  
>Prize to first list member to come up with Haiku qrp slogan?  
>Do we need to make this a NORCAL event?

I think it's a fun idea ... somebody posted haiku-formed error messages =  
for  
Windows on another forum that were hilarious.

I would be remiss without pointing out that a haiku typically has three =  
lines  
of 5, 7, and 5 syllables respectively.

Working QRP  
Can provide for endless fun  
when properly done.

--  
Marty, N5NW

-----=  
-----  
Lakeland (Memphis), Tennessee =  
<http://marty.w.tripod.com/>  
N5NW@midsouth.rr.com

-----  
Date: Wed, 12 Apr 2000 06:44:55 -0700  
From: Bill Jones <kd7s@psnw.com>  
To: w6zip@gte.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [67746] Re: KD7S Ant.Tuner  
Message-ID: <38F47DD7.320A648@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi John,

Check out the Adventure Radio Society's on-line magazine, The ARS  
Sojourner. I wrote a small article in the January issue. A direct link

is:

[http://www.natworld.com/ars/pages/back\\_issues/0100\\_text/film.html](http://www.natworld.com/ars/pages/back_issues/0100_text/film.html)

John Paul Dooley wrote:

>

> Gentleman,

> Good morning, Can anybody provide me with info on the KD7S Antenna

> Tuner?

--

-----  
Bill Jones - KD7S <><

Sanger, California

<http://www.psnw.com/~kd7s>  
-----

-----  
Date: Wed, 12 Apr 2000 09:01:40 -0500

From: David Heintzleman <pstrdave@kdsi.net>

To: cqsly@tm.net.my, qrp-1@Lehigh.EDU, antennas@qth.net

Subject: [67747] Re: super loop

Message-ID: <38F481C4.4D710A2@kdsi.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi Sly,     on the super loop - Radio Works is copying an antenna done  
by Paul Carr, N4PC, from an article in CQ magazine, between 1990 - 1996  
-, I do not know the name of the article --

the basic format is you take the formula for a full wave hf loop:  
1005 divided by frequency in mhz - for 40 mtr that comes out to about  
141 feet, I found result about one foot too long ---- You take the  
second harmonic, in this case 20 mtr, and cut a 1/4 wave length stub of  
450 ohm ladder line, or home-made ladder line  
Hang loop as delta loop, equallateral triangle, apex down, hopefully  
about 8-10 feet off ground

cut hypotenuse (long side) exactly in half, insert insulator, hang stub  
down into loop, leave stub open (unshorted) at lower end. Evidently,  
this acts as an electrical short on one of the bands - Paul's article  
says for sure.

feed at downward apex with 300 ohm or 450 ohm ladder line - and use  
tuner with 4 to 1 balun or do as radioworks does, feed with coax from  
shack, then a matching unit. RadioWorks matching unit is either a 4  
to one balun or a 1 to 1 choke balun, I'm not sure which, although

either would be ok - W1FB used to teach that it was best to use a piece of good quality coax from shack, usually a short piece, then a 4 to one balun with twin lead or ladder line from balun to antenna.

hope that helps, sorry I don't have the article, some time back I wrote Paul Carr, never got a response. Haven't tried to find the back issue of the magazine.

73, Dave K8BBM

"Sly, 9M8SL" wrote:

>  
> Hi Dave,  
> Greeting from East Malaysia, Borneo Island!  
> I've always been interested in the wire loop,  
> and would appreciate any infors you can pass me  
> on the super loop stuffs, whether it be  
> replies on the list or your personal experiences.  
>  
> If I'm not mistaken, a friend of mine in the states opened the stup end and  
> told  
> me that Jim's Radio Works Super Loop 40 and 80, both has closed 1/4 wave stubs  
> made of ladder line of 16 feet and 32 feet? respectively. Appreciate any infors  
> on this (if it is so), and also there is a matching unit at the bottom of  
> that loop b4 the coax  
> feedline and do let me know what it is inside (if you have the answers)?  
>  
> My knowledge on matching stubs are limited, and appreciate any help you can  
> provide me  
> thru' post and replies you gathered from the list...  
>  
> Vy 73 frm Borneo,  
> Sylvester (Sly) Liew, 9M8SL  
>  
> At 09:28 AM 4/10/00 -0500, David Heintzleman wrote:  
> >Hi there -  
> >has anybody ever done an analysis with EZNEC or something similar on the  
> >type of antenna that RadioWorks calls the super loop?  
> >  
> > Basically, it is a delta loop of 75% of wavelength, and an open  
> >quarterwave stub of ladder line for the second harmonic, so it's not a  
> >really a loop and it would appear to be a bi-square for the 2nd harmonic  
> >with some gain.  
> >  
> >I would be interested to gain a sense of radiation pattern, etc, for  
> >such a 40 mtr antenna, on 40, 30, and 20 mtrs - anybody on board ever  
> >did such analysis?

> >  
> >Dave Heintzleman  
>  
> >K8BBM  
> >

-----  
Date: Wed, 12 Apr 2000 08:16:51 -0600 (MDT)  
From: af852@rgfn.epcc.edu (William R Colbert)  
To: qrp-1@lehigh.edu  
Subject: [67748] [w5xe@juno.com: Fw: RE: Cut Numbers.]  
Message-ID: <200004121416.IAA03388@rgfn.epcc.edu>

===== Begin forwarded message =====

From: w5xe@juno.com (William R Colbert)  
To: af852@rgfn.epcc.edu  
Subject: Fw: RE: Cut Numbers.  
Date: Wed, 12 Apr 2000 08:09:31 -0600

----- Forwarded message -----  
From: Ray Colbert <w5xe@tx.freei.net>  
To: qrp-1@lehigh.edu  
Date: Mon, 10 Apr 2000 19:36:50 -0600  
Subject: RE: Cut Numbers.  
Message-ID: <38F281B2.844B5F44@tx.freei.net>

Actually Ed, one set of several. Soviet\Warsaw Pact  
used at least two maybe three.  
Various asiatic factions had others,  
and it would get very confusing when one had several  
circuits operating on/near the same freq and all using  
a different type of cut numbers. And the diplomatic  
services had their own apart from other government/  
military entities.

--  
"The more I see of the representatives of the people,the more I  
admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso,(FAR WEST) TEXAS

-----

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--

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Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
El Paso, (FAR WEST) TEXAS

-----  
Date: Wed, 12 Apr 2000 08:17:12 -0600 (MDT)  
From: af852@rgfn.epcc.edu (William R Colbert)  
To: qrp-l@lehigh.edu  
Subject: [67749] [w5xe@juno.com: Fw: Re: Multiband radials]  
Message-ID: <200004121417.IAA03435@rgfn.epcc.edu>

===== Begin forwarded message =====

From: w5xe@juno.com (William R Colbert)  
To: af852@rgfn.epcc.edu  
Subject: Fw: Re: Multiband radials  
Date: Wed, 12 Apr 2000 08:08:19 -0600

----- Forwarded message -----  
From: Ray Colbert <w5xe@tx.freei.net>  
To: qrp-l@lehigh.edu  
Date: Mon, 10 Apr 2000 19:23:09 -0600  
Subject: Re: Multiband radials  
Message-ID: <38F27E7D.3DF34E18@tx.freei.net>

For many years I have used the flat rotar cable, either  
4 or 5 wire and they have seemed to work ok - The individual  
wires were cut to the band of interest and I would use  
4 or 5 sets on each vertical (16-20 wires) then for additional  
bands like 80, 30 and 17, I would add one or two single  
wires to run parallel to the others. The verticals are used  
presently at 10 feet above the ground. They have worked well  
from ground level to 15 feet above ground with this arrangement.

So I suggest give it a try and see what happens for your location.

73

Ray

--

"The more I see of the representatives of the people,the more I admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso,(FAR WEST) TEXAS

-----  
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--

"The more I see of the representatives of the people,the more I admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
El Paso,(FAR WEST) TEXAS

-----  
Date: Wed, 12 Apr 2000 08:17:43 -0600 (MDT)  
From: af852@rgfn.epcc.edu (William R Colbert)  
To: qrp-1@lehigh.edu  
Subject: [67750] [w5xe@juno.com: Fw: Re: FCC license site! AKA: ULS]  
Message-ID: <200004121417.IAA03481@rgfn.epcc.edu>

===== Begin forwarded message =====

From: w5xe@juno.com (William R Colbert)  
To: af852@rgfn.epcc.edu  
Subject: Fw: Re: FCC license site! AKA: ULS  
Date: Wed, 12 Apr 2000 08:10:25 -0600

----- Forwarded message -----

From: Ray Colbert <w5xe@tx.freei.net>  
To: qrp-1@lehigh.edu

Date: Tue, 11 Apr 2000 10:45:15 -0600  
Subject: Re: FCC license site! AKA: ULS  
Message-ID: <38F3569B.6186022D@tx.freei.net>

My son renewed his (and his brothers as the brother was out of pocket at the time) with no difficulty - They were already pre-registered and when the son went on to do the renewal - he did it on Sunday - took about 5 minutes for each and most of that was going back to click on something he forgot to indicate. The paper license arrived less than a week later with a date of issuance the day of the online renewal. I suspect it is the time of the attempt that clogs the works. I remember the days of at least a week to get to the FCC, weeks of processing and days for the return - not counting having to look for a notary to verify who you are! Difficult to locate in the outback areas of the Okeefenokee.  
Take heart Ron, only has to be done very infrequently, now.  
73  
Ray

--

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

---

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--

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
El Paso, (FAR WEST) TEXAS

---

Date: Wed, 12 Apr 2000 08:18:04 -0600 (MDT)  
From: af852@rgfn.epcc.edu (William R Colbert)  
To: qrp-l@lehigh.edu  
Subject: [67751] [w5xe@juno.com: Fw: Re: ARRL and QRP - new TIS web page]  
Message-ID: <200004121418.IAA03535@rgfn.epcc.edu>

===== Begin forwarded message =====

From: w5xe@juno.com (William R Colbert)  
To: af852@rgfn.epcc.edu  
Subject: Fw: Re: ARRL and QRP - new TIS web page  
Date: Wed, 12 Apr 2000 08:10:49 -0600

----- Forwarded message -----

From: Ray Colbert <w5xe@tx.freei.net>  
To: qrp-1@lehigh.edu  
Date: Tue, 11 Apr 2000 10:53:24 -0600  
Subject: Re: ARRL and QRP - new TIS web page  
Message-ID: <38F35884.3678D268@tx.freei.net>

Nice looking page, Ed. One thing regarding the calling freq list - I notice that the 10.106 freq is shown as the QRP calling freq. I thought that had been changed several years ago to 10.116, mainly because of the qrm that is regularly on or about 10.106 with General Pacheco Radio out of Argentina, running phone calls to whereever? Plus the RTTY stations on and near that freq as well. I also think the 10.116 freq is close to or will overlap with the UK novice range so that they have a chance to work other qrp stations. Then again, maybe changes were made and I missed them - Just like reading an article in the March 2000 issue of PopCom by Kirk Kleinschmidt NT0Z which was about qrp and gave the same calling freq plus gave the ARCI contact as Mike Bryce WB8VGE.

Again, a nice page.

73

--

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

---

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Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
El Paso, (FAR WEST) TEXAS

-----  
Date: Wed, 12 Apr 2000 10:27:42 -0400  
From: "Mike Pupeza" <michael.pupeza@sympatico.ca>  
To: <qrp-1@lehigh.edu>  
Subject: [67752] I need a magnet for my NorCal K8FF Paddle Keyer Kit!  
Message-ID: <000f01bfa48b\$44f9e360\$baa7acce@pupeza>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Hello Group;

I am 'FINALLY' getting around to assembling my NorCal K8FF Paddle Kit.  
However, the end of my magnet 'shattered'!  
How, you ask? Rapping it 'gently' with the plastic handle of a screwdriver  
to get it started into the hole. Boy, it was a tight fit, and it is working,  
but damaged!

Does anyone have a 'spare', that they could mail up to me?

Let me know, and I'll arrange to reimburse you.

Mike Pupeza VE3EQP  
283 Peek-a-Boo Trail RR# 2  
Penetanguishene, ON  
Canada L9M 1R2

(705) 549-3220

-----  
Date: Wed, 12 Apr 2000 10:40:59 -0400  
From: aa5yx@juno.com  
To: qrp-1@Lehigh.EDU

Subject: [67753] HaiQ-RP  
Message-ID: <20000412.104100.10790.0.aa5yx@juno.com>

HaikQ-RP 1:

Three watts and dipole-  
Burning the ionosphere.  
Sunspots are my friends.

HaiQ-RP 2:

Bug weighs more than rig.  
Rig runs weeks on battery.  
Yeah baby, you go!

And limerick:

It's "CQ" that I frequently call,  
In winter, spring, summer and fall.  
I send dahs and dits  
With freshly-built kits,  
At 3 watts or less & that's all.

Don't worry, I'm not quitting my day job...

John Harper AA5YX/2  
HW-9, OHR-100A/20, Norcal 40A, SST30, SST40, DSW20  
Outdoor QRP Page: <http://home.att.net/~j..harper>

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
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Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Wed, 12 Apr 2000 07:56:36 -0700 (PDT)  
From: Jim Hale <kj5tf@yahoo.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [67754] Are you ready to Rumble? psk31 that is  
Message-ID: <20000412145636.1072.qmail@web701.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Its going to be a busy weekend! MI QRP, Milliwatt  
Triple Crown, and the psk31 Rumble!

I grabbed the rules and edited them slightly for space.

The website listed below has everything, or you can see the rules in April QST.

<http://www.qsl.net/wm2u/rumble.html>

<http://www.qsl.net/wm2u/score.html>

I think you can enter your score on-line! I like that!

Naturally I'll be trying for the "Super Category", which is 5 w or less. I want the one dozen prime Florida Tangerines!

Are you ready to rumble?

de Jim KJ5TF

"All milliwatts, All the time"

=====

Join us in the 3rd. TARA PSK31 Contest

The 2000 Spring Wakeup

April 15th 00:00z through 24:00z

Exchange: Name and State/ Prov/ DX send DXCC country prefix.

Running Rules: Run only single transmitter/ single operator.

Novice/ Tech add suffix /X

Operating Catagories: The Club Challenge ---- whatever it takes!

Normal Category ---- 100 watts MAX.

Great Category ----- 20 watts MAX.

Super Category ----- 5 watts MAX.

Novice Catagory ---- 100 watts MAX.

SWL Catagory -----

Band: 3.600 to 3.675 kHz

7.080 to 7.100 kHz

14.110 to 14.150 kHz

21.100 to 21.150 kHz

28.100 to 28.200 kHz

50.300 to 50.400 kHz

NOTE: Please keep to these frequency recommendations leaving the 'normal' PSK calling frequencies to 'non -----contest' PSKers.

QSO Points: Stations can be worked once on each band for points.

Each QSO scores 1 point.

Multipliers: All DXCC Countries per band (include your

own)

Call areas of W+ VE+ JA+ VK on each band.

W area's include W0 through W9. (not States)

VE area's include VE0 through VE9, V01,V02,VY0,VY1 and VY2

JA area's include JA0 through JA9

VK area's include VK0 through VK9

Scoring: QSO point (calculated as above) x Multipliers  
(calculated as above.)

Post: Fill out the Score Submission Form here or goto

<http://www.qsl.net/wm2u/score.html>

Last entry date is 30th April 2000.

Certificates: 1st, 2nd and 3rd in each category.

1st, 2nd and 3rd in Novice entry.

Top SWL score

US States Clean Sweep....(all 50!)

Awards: 1st. Place in the CLUB CHALLENGE

The NEW "Lug Trophy"

sponsored by: Rochester ARC, Dave, KB2YQE

1st. Place SUPER CLASS

One (1) dozen prime Florida Tangerines.

sponsored by: Jim Mortensen, N2HOS

1st. Place GREAT CLASS

KOSY Feet Warmers

Sponsored By: Malcolm Levy, K06SY

1st. Place NORMAL CLASS

1 Cibola Coontail Rattlesnake Belt Buckle

Sponsored By: Wayne Matlock, K7WM & the Cibola

Contesters.

1st. Place NOVICE

1 Jar of Australian Vegemite

Sponsored By: Hamish Moffatt, VK3SB

1st. Place SWL

2 lb of New York State Cheddar Cheese

sponsored by: Bill Eddy, NY2U

=====

<http://www.madisoncounty.net/~kj5tf/>

Milliwatting Editor ARCI QRP Quarterly

Join/renew membership QRP Amateur Radio Club International

<http://www.qrparci.org/arcijoin.html>

AR QRP#2 - Kingston, Arkansas 35.94N 93.47W

Private email [kj5tf@madisoncounty.net](mailto:kj5tf@madisoncounty.net)

-----

Do You Yahoo!?  
Send online invitations with Yahoo! Invites.  
<http://invites.yahoo.com>

-----  
Date: Wed, 12 Apr 2000 08:07:37 -0700  
From: David Shalita <af389@lafn.org>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, "Ham-Homebrew@ucsd.edu" <Ham-Homebrew@ucsd.edu>, David Shalita <af389@lafn.org>  
Subject: [67755] QTH location-RF Sponge  
Message-ID: <38F49139.4272B994@lafn.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Folks,  
This is a post for a HAM friend who lives on a small hill, but has very poor performance with nearby local HAMS on 440. He thinks his location is an RF Sponge. He needs suggestions.

Send replies to me and I will relay info to him.  
Thank you for help, 73, W6MIK

-----  
My friend Hugh, W6WTU writes:

> I've been fighting antennas around this place for quite awhile in  
> trying to get a 450Mhz signal off of the hill upon which I live.  
> My suspicion has been that the vertical radiation pattern from  
> the antenna was perhaps too high and not getting down into the  
> terrain.  
>  
> The 12.4db antenna, 5.5db antenna and groundplane antennas have  
> always been my comparative reference.

> Yesterday I resurrected a folded dipole antenna that I  
> used some 30 years ago on a 450 repeater and installed it on  
> my balcony. It is positioned at about the edge of the roof  
> (20 feet above ground level) and is aimed toward downtown LA  
> (approx 40-45 degrees). The resulting pattern is  
> cardioid and exhibits a gain of approximately 3db.  
> Also, the vertical angle of radiation is wide enough  
> (about 51 degrees) to cover ground to ceiling.

> At a location, some 5-7 miles north, the dipole works better  
> than any of the other three references. Later in the day,  
> I talked with a fellow up at UCLA (12 miles) and all of the  
> antennas appeared to be equal in strength.

>  
> Regardless of the antenna used, the signal strength should be  
> devastatingly loud in the visual path, not marginal as it is.  
> In both of the above locations, the path is line-of-sight for  
> better than 9/10ths of the distance. The terrain provides a clear  
> and unobstructed view from my location.  
> 73, Hugh, W6WTU

--

David Shalita (Dave)  
af389@lafn.org  
Van Nuys, CA

-----  
Date: Wed, 12 Apr 2000 11:12:12 -0400  
From: "The Weinsteins" <weinsteins@home.com>  
To: <aa5yx@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [67756] Re: HaiQ-RP  
Message-ID: <001101bfa491\$7b0065a0\$ba3b2a18@ym1.on.wave.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

John:

Do you have any moe? Inquiring minds want to know!

Al, VE3HVX

----- Original Message -----

From: <aa5yx@juno.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Wednesday, April 12, 2000 10:40 AM  
Subject: HaiQ-RP

<snip>

-----  
Date: Wed, 12 Apr 2000 11:13:47 -0400  
From: Reece.Joel@epamail.epa.gov  
To: qrp-1@lehigh.edu

Subject: [67757] Remove Me From This List Please  
Message-ID: <852568BF.0053B0C3.00@EPAHUB2.RTP.EPA.GOV>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-disposition: inline

Remove  
Remove

Joel Reece, MCSE

513-569-7795

LockHeed Martin Technical Support

E-Mail: reece.joel@epa.gov

-----  
Date: Thu, 06 Apr 2000 17:59:26 -0400  
From: Lyons <lyons@canada.com>  
To: qrp-1@lehigh.edu  
Subject: [67758] Aurora in Effect  
Message-ID: <3.0.6.32.20000406175926.007a7890@pop.videotron.ca>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii

Most signals here have a pronounced auroral tone at 22:00Z. The sky is completely covered so we won't be able to observe anything but if you have a clear sky check later and in the meantime turn your beams to the north east and see what you can hear.

Jim Lyons, VE2KN  
Montreal

-----  
Date: Wed, 12 Apr 2000 18:53:25 +0300  
From: Arjen Raateland <Arjen.Raateland@vyh.fi>  
To: w1hue@amsat.org  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [67759] Re: Fwd: [CW] THE FINAL FINAL FINAL

Message-ID: <38F49BF5.6EA@vyh.fi>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Larry East wrote:

>  
> >  
> > This cw-only event is scheduled for Saturday 29th April 2000 from  
> > 0700z  
> > to 1900z.  
> >  
> > Callsign      Frequency      Amateur Frequency    +or-5kHz  
> > GKB2            4274            3525  
> > GKB4            8559.5          7025  
> > GKB5            12835.4        14050  
> > GKB6            17113          18075  
> > GKB7            22448.7        21050  
> >  
>  
> Is such cross-service operation legal??

There was a similar operation of PCH in Holland a while ago. For hams in Holland (where I was born) it was OK to work cross-service like that, but in Finland (where I live nowadays) it was supposedly not legal. I'd say, it depends on how the rules happen to have been worded and how much sense of history/humour the authorities have.

73,

--

Arjen Raateland  
Finnish Environment Institute  
SAS Support  
phone +358 9 4030 0350

-----  
Date: Wed, 12 Apr 2000 10:56:00 -0500 (CDT)  
From: Jim Glover <psykey@okcforum.org>  
To: qrp-1@lehigh.edu  
Subject: [67760] ArkieCon  
Message-ID: <200004121556.KAA23511@okcforum.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I couldn't improve on the already posted descriptions of the activities and forums at ArkieCon, so I won't try. Nevertheless, I'd like to add my voice



to the chorus singing its praises.

About the only criticism I could make of the whole thing was that there was a hamfest going on at the time, and I normally spend a few hours carefully poring over the offerings. With the full day of excellent QRP forums, I simply didn't have time for that! Properly inspired by the QRP forums, I did pick up copies of W1FB's QRP and Design notebooks, and license study guides for my wonderful XYL Michelle, who accompanied me on the trip. I doubt she's going to find much time for studying for tests in the near future, but I have high hopes of "some day." In any event, it was great to have her along.

To summarize it simply (and without trying to review all the details, which several others have done much better than I could anyway) let me say that there wasn't a boring talk given during the forum--in fact, none of the talks fell short of fascinating. In addition to numerous technical tidbits, I gained something more valuable--my share of the infectious enthusiasm the speakers brought to the event.

After years of watching the posts on QRP-L, it was a great pleasure to finally end up at one of the \_\_\_\_\_con events in person, and get to see for myself what goes on. The guys from Forth Smith obviously did an outstanding job of donating time, effort and energy to pulling off something important. They were joined by the speakers, many of whom obviously make a habit of that sort of altruism. Doug in particular worked from the beginning of the show in the morning, on through when Michelle and I left for the hotel that evening, at not only doing his part by presenting the talk about the \$50 station, but also by helping to keep things organized and moving along. It was obvious from watching that Doug had a hand in many aspects of the very successful event. And then there was Paul, who I couldn't help noticing ended each of his (two) presentations by asking everyone to thank Doug, Jay, and everyone else for all their efforts. Thus the enthusiastic applause, inspired by Paul's interesting talk, was spread around for all of those responsible to enjoy. Along with the knowledge, know-how and enthusiasm each of these guys brought to ArkieCon, you couldn't help noticing a certain generosity in spreading it around.

Although it couldn't hold a candle to the other projects presented, I couldn't resist bringing in my Pixie II, built in a rectangular cookie tin. It's not the sort of miniaturism that results from construction in an Altoids tin--this box is more like 6 inches by 4 inches by 2 inches or so--but it didn't turn out half as ugly as I'd expected it to (some even think it looks quite attractive), and the box provides useful storage for things like batteries, crystals, the circuit diagram, and what-not. You could even throw in a Norcal doublet, with room to spare! Needless to say, my little creation didn't win the construction contest... in fact, it didn't even get mentioned as one of the entries!... :) ...

but I did enjoy showing it around and seeing the amusement with which many of the guys checked it out. It just goes to show ya--there's fun enough to go around for everyone at these events, even those of us who aren't anywhere near the big leagues.

But of course, you already knew that. Who was it who said, "We stand on the shoulders of giants."? Well, whoever it was who said that, could have been talking about how so many of us who enjoy QRP either get more out of it because of, or in fact, may not have ended up here at all without, the enthusiastic contributions of those who devote themselves to the many hours of planning, kitting, organizing, travel, speaking and everything else that is involved in growing a QRP community. I am glad that the QRP community has become what it is today. I am glad that QRP-L has grown into not only an Internet watering hole for that community, but in my opinion, the best amateur radio forum on the Internet, bar none. I look forward to where all this will lead in the future.

--Jim WB5UDE  
Oklahoma City

-----

Date: Wed, 12 Apr 2000 09:28:46 PDT  
From: "Doug Hendricks" <ki6ds@hotmail.com>  
To: qrp-l@lehigh.edu  
Cc: wa6ger@aol.com  
Subject: [67761] SMK-1: Progress Report  
Message-ID: <20000412162846.11130.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Guys, good news. I just got off the phone with the crystal manufacturer. The crystals for the SMK-1 were shipped to me on Monday and should be here this afternoon or tomorrow!! Dave Fifield has been promised boards by Friday of this week!! We have Bill Jones, Dave Fifield, Paul Maciel, James Bennett, Kathy Bennett, Ron Smith & Mike (I believe his name is), and Dave Adams all coming to help kit some more SMK-1's on Saturday, April 15th. Hopefully we will get all of the kits that have been ordered ready to mail.

I will take the kits to Jim next week, probably on Tuesday, and he will get them in the mail. Jim has been working like a trooper, getting the boxes folded and addressed. You know that he can't wait to get the boxes out of his living room. Picture what it looks like having 400 priority mail boxes spread around your living room, grin.

Several have emailed asking if we are still taking orders, and yes we are. To get information on the SMK-1 kit from NorCal, go to the Red Hot Radio web page, [www.redhotradio.com](http://www.redhotradio.com) and click on the SMK-1 button. Full information

is there. Remember the SMK-1 is a training kit for Surface Mount Construction that will result in a little transceiver that runs about 500 mW on 40 meters. The transmit frequency is about 2 kHz around 7.040, and the receive is about 5 kHz with the transmit range centered in the receive range. It is far better than the 49er and the pixie, but it is NOT a NorCal 40 or SWL40+. We are doing this kit to train you to work with SMT parts. The kit contains 80+ parts, with 75 of them surface mount in the 1206 size. You will get an opportunity to identify, orientate and work with resistors, capacitors, electrolytics, inductors, transistors (2 different packages), diodes and SOIC's. Not a bad course for \$30!!

I showed the prototype at ArkieCon this past weekend, and the universal comment seemed to be, "Hey, I bet I can build that. It isn't nearly as small as I thought it would be." No one complained about the surface mount parts, everyone seemed eager to get started. NorCal will be coming out with a full featured 10 meter kit this summer, the SMK-1 is NOT that kit, just to make sure that you understand what you are buying.

I'll post Saturday night the progress and keep everyone up to date. Thanks for your patience and understanding. 72, Doug, KI6DS

-----  
Get Your Private, Free Email at <http://www.hotmail.com>

-----  
Date: Wed, 12 Apr 2000 19:40:13 +0300  
From: Arjen Raateland <Arjen.Raateland@vyh.fi>  
To: QRP-L <QRP-L@lehigh.edu>  
Subject: [67762] beacons around 7039 kHz  
Message-ID: <38F4A6ED.4535@vyh.fi>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

The C and P beacons from Russia are back again at 16.40Z.

--  
Arjen Raateland  
OH2ZAZ

Finnish Environment Institute  
SAS Support  
phone +358 9 4030 0350

-----  
Date: Thu, 13 Apr 2000 00:58:35 +0800  
From: "Sly, 9M8SL" <cqsly@tm.net.my>

To: David Heintzleman <pstrdave@kdsi.net>, qrp-1@Lehigh.EDU, antennas@qth.net  
Subject: [67763] Re: super loop  
Message-ID: <20000412165835.KWE27992@user>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Dave,

Tks fer the explanations on the super loop, been a great help...  
I think I get the picture now!

My thanks and see you around...  
73 de Sly, 9M8SL

>the basic format is you take the formula for a full wave hf loop:  
>1005 divided by frequency in mhz - for 40 mtr that comes out to about  
>141 feet, I found result about one foot too long ---- You take the  
>second harmonic, in this case 20 mtr, and cut a 1/4 wave length stub of  
>450 ohm ladder line, or home-made ladder line  
>Hang loop as delta loop, equallateral triangle, apex down, hopefully  
>about 8-10 feet off ground

-----  
Date: Wed, 12 Apr 2000 10:09:39 -0700  
From: Charlie Panek <charlie\_paneke@agilent.com>  
To: qrp-1@Lehigh.EDU  
Subject: [67764] HB: Another SMT PC proto method  
Message-ID: <38F4ADD3.F355EE37@agilent.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I read KD1JV's PC board fab article with interest. I haven't  
etched a PC board in years, though I suppose I'd do it if  
sufficiently motivated.

I've used a different technique for making \*small\* SMT PC  
boards, that is much lower tech.

The first area I've used this technique is to adapt SMT parts  
to the "Manhattan" style. I wanted to use a small SO-8 IC  
on a bread board, but didn't want to mount it dead bug style,  
as trying to solder wires to 8 little legs gets a bit messy.

1) Using a microscope (or a good magnifier, if you have don't  
have a microscope) I laid out and marked parallel lines on a

piece of PC board material, spaced 0.05 inches apart.

2) Then using an Xacto knife, and a firmly held straight-edge as a guide, I cut into the copper just on either side of those scribed lines.

3) You now have some very narrow strips of copper marked out on the PC board, that are between some other, wider strips that you want to leave on the board. Heat up a soldering iron with a very small tip.

4) Starting at one end of the PC board, heat up one of the ends of those strips. This will soften the glue that holds the copper to the substrate. Lift up the end of the strip with a pair of tweezers, while slowly sliding the iron down the length of the strip. The copper should lift off very easily. Do this with the remaining thin strips of copper, and you should be left with a piece of PC board with parallel strips of copper, spaced 0.05 inches apart.

5) Cut a piece off, 4 strips wide and about twice as long as the IC is wide, and then cut each of the strips accross the middle with your XACTO knife. This will make a little chunk of PC board with 8 pads on it, just right for an SO-8 part. You can solder the IC on, and then attach wires or leads to the rest of the pads.

I've extended this technique to making simple PC boards as well. I plan out my board with a CAD program (though pencil and graph paper would do just fine) The final layout looks like a bunch of rectangles, or sort of like a maze. Then I either do the layout under a microscope with a ruler and scribe, or I print out the CAD layout on a laser printer at 1X, cut it out, and glue it to the PC board, and make my cuts right through the paper. Then just heat and lift the strips.

I realize that this description really wants some pictures to go with it, but I hope this is of some use..

Charlie  
KX7L

--

Charlie Panek  
mailto:charlie\_panek@agilent.com  
Agilent Technologies Inc.  
Everett, Washington

-----

Date: Wed, 12 Apr 2000 13:11:51 -0400  
From: Ronald\_A\_Pfeiffer@res.raytheon.com

To: qrp-1@Lehigh.EDU  
Subject: [67765] FS: Yasea FT690RII  
Message-ID: <852568BF.005E77F8.00@ressud-as01.res.ray.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

Still need to pay for the K2 so if theres someone interested in 6 meters,  
I'm selling an FT690RII with battery pack, whip, mobile bracket,  
10 watt amp, mic, charger, and tone board for FM repeaters. Original  
box. Works great electrically, about 9 of 10 cosmetically. Sell  
for \$350 plus shipping.

Ron - N1ZSW

-----  
Date: Wed, 12 Apr 2000 13:43:50 -0400  
From: Ronald\_A\_Pfeiffer@res.raytheon.com  
To: qrp-1@Lehigh.EDU  
Subject: [67766] FS:FT690RII  
Message-ID: <852568BF.00616817.00@ressud-as01.res.ray.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

Unit is spoken for thanks everyone.

Ron - N1ZSW

-----  
Date: Wed, 12 Apr 2000 13:57:03 -0400  
From: "Eric Moore" <emoore@windemullerelectric.com>  
To: <qrp-1@lehigh.edu>  
Subject: [67767] FS: Ten-Tec Century 21  
Message-ID: <E1BF4505A473D311AC9900C0F026715F06D6C4@WINDY\_COM>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I guess \$225 is way to high for this rig, so I am open to offers.

Pic's are available upon request.

73,  
Eric  
K8CCA

-----  
Date: Wed, 12 Apr 2000 12:15:25 -0600  
From: "Rod, N0RC" <n0rc@qsl.net>  
To: "qrp-1" <qrp-1@Lehigh.EDU>, "ncarc reflector" <ncarc@qth.net>  
Subject: [67768] Case/cabinet needed  
Message-ID: <007201bfa4ab\$515ee680\$a8101004@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks:

I building a DSW 20 and 40 into a single case for backpacking. This project requires a special case. I want to have all knobs and connectors recessed or covered when the rig is not in use--transport mode. And when in use every thing needs to be easily accessible. I have a mental image of what I want but can't find it. Here is a brief description:

5" D x 7" W x 2-3" H

"clam shell design" I'd like a hinged cover. Kinda like a index  
card  
file box

Aluminum or ABS plastic

all corners and edges rounded at least 1/4" radius

My idea is to have a panel inside the box with all the knobs, switches connectors...etc. When the cover is open everything is right there easy to use. When the cover is closed, every thing is protected, and the resulting container is a small compact affair the slips easily into a back pack.

Ideas? No luck finding just the right thing in

Mouser/Digikey/Jameco...etc.

---

72/3 Rod, NORC -- Fort Collins, CO

-----

Date: Wed, 12 Apr 2000 18:55:08 +0100  
From: "KA5T Larry Wise" <lewise@inetport.com>  
To: "qrp" <qrp-1@lehigh.edu>  
Subject: [67769] FS: NORCAL NC20 Kit  
Message-ID: <200004121855.NAA11102@admin.inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Norcal NC20 Kit. Box opened, but no internal  
parts bags opened.

\$100 shipped CONUS

Larry KA5T  
Georgetown, TX

-----

Date: Wed, 12 Apr 2000 15:11:19 -0400  
From: "Rich Clemens" <clemens@wvwc.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [67770] NC-xx vs DSW-xx  
Message-ID: <000d01bfa4b2\$e5009da0\$e380010a@WESTFH7KWR3ADY>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>From my reading and experience with a DSW-30 it would be far superior to a  
NC-XX for about the same money. What is the claim to fame for the NC?

--

Rich Clemens  
clemens@wvwc.edu



-----  
Date: Wed, 12 Apr 2000 12:01:10 -0600  
From: tom whalen <wb5qyt@eFortress.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [67771] case/ cabinet  
Message-ID: <38F4B9E6.D21@eFortress.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Rod and gang,

Don't overlook the neat cabinet design that Jim N5IB uses for his rigs.

I'm lousy with wood work or I would try it!

72, Tom WB5QYT

-----  
Date: Wed, 12 Apr 2000 15:47:51 -0400  
From: "Dieter \ (Diz\ ) Gentzow WB8QYY" <wb8qyy@cinci.rr.com>  
To: "QRP-L" <qrp-1@lehigh.edu>  
Subject: [67772] mWatt contest this weekend  
Message-ID: <005f01bfa4b7\$fcacd9a0\$1461a518@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Howdy mWatt Contesters.....

This is notice that the "Flying Pigs QRP Club, International"  
club station KC80C0 will participate in the 2nd leg of the  
Milliwatt CW contest "Triple Crown". Expect to work 40,20,15,10  
at           power.  
          very low

see <http://www.madisoncounty.net/~kj5tf/mwtest.html> for info

TNX

73 & "oo's" - Dieter (DIZ) Gentzow - WB8QYY - Loveland, Ohio  
Clermont County - EM79ug - near Cincinnati; 39.218N - 84.305W  
FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493  
<http://home.cinci.rr.com/wb8qyy> [AOL-IM "wb8qyy"]

-----  
Date: Wed, 12 Apr 2000 12:59:19 -0700  
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>  
To: "'QRP'" <qrp-1@Lehigh.EDU>  
Subject: [67773] Case Types  
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F430997FE7F@blaze.bcsbc.GOV.BC.CA>  
Content-return: allowed  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

What makes the best case for accessories such as wattmeters and tuners...aluminum or ABS plastic? Is there a problem with RF getting into the plastic ones? I'm planning on building both of these soon and would like to know which type of case to use.

Doug VA7DD

-----  
Date: Wed, 12 Apr 2000 13:25:29 -0700 (MST)  
From: Chuck Adams <adamsc@pr.erau.edu>  
To: qrp-1@lehigh.edu  
Subject: [67774] Status of K7QO  
Message-ID: <200004122025.NAA08248@pr.erau.edu>

Gang,

Thanks for the gang that sent the QSL cards, postcards, etc.  
They are appreciated.

I got a two week all expense paid vacation to Dallas. Got 4.6cm of stainless steel in the old ticker. Had 100% blockage in the LAD, but I'm cooking now. Interesting part of the procedure was when about 45 mins into it (over 2.5hr total) a nurse in the "command center" where all the control stuff was pushed a red button and turned off all the electronics. Like X-ray and EKG when the doctors had the probe in the blockage..... :\_)

Sorry that I missed Atlanticon and ArkieCon.

Talked to Jay, W5JAY, on the phone. Sounds like fun and good stuff all way round for everyone. Wish I had been there.

I am especially proud that Kathy V. passed the code test. Last year while I was visiting Jay, she came over and was visiting. Since she showed some interest in ham radio I sent her the ARRL CW CDs on the sly so that Jay wouldn't know that she was secretly doing this. :-) I am a firm believer in the ARRL CDs and anyone should be able to learn using them. It just takes time. I think Kathy did it in two weeks or so.

So, if you know of someone, old or young, that may be interested in getting a license. Do them and yourself a favor and buy them the CDs. \$14 or so is a small investement in education.

OK, I need my manhattan stuff back.... :-) ;-)

dit dit

Chuck Adams, K7QO somewhere in AZ.....

-----  
Date: Wed, 12 Apr 2000 15:52:26 -0500  
From: "Bradfield, Brad V." <BBradfield@spectrapoint.com>  
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>  
Subject: [67775] Re: Fwd: [CW] THE FINAL FINAL FINAL  
Message-ID: <8D9A3E0C6F42D1118EDC0060081D3FFA023D8A02@ucusmail.spectrapoint.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Didn't think much about this when I originally posted it, and certainly didn't realize that it was opening such a can of worms.

There is some move afoot from a couple guys on the CW list requesting =  
an STA  
from the FCC to work this British commercial station during this =  
(final)  
special event. I'm not one of them, but if I hear anything additional =  
I'll  
certainly pass it along here.

72's es 73's,

Brad, W5CGH

=3D=  
=3D=  
=3D=3D=3D=3D

Brad Bradfield, PE                      W5CGH                      Test Staff Engineer  
(ex WB=D8CGH)    SpectraPoint Wireless LLC

Real men talk with their fingers!

NORTEX                      NORCAL                      QRP-L #377  
SMIRK #4906                      QRP-ARCI #                      ARS                      #72  
Austin QRP Club #i                      Alaska QRP Club #350

-----  
Date: Wed, 12 Apr 2000 17:34:32 -0400  
From: "Eric Moore" <emoore@windemullerelectric.com>  
To: <qrp-l@lehigh.edu>  
Subject: [67776] Century 21 SOLD  
Message-ID: <E1BF4505A473D311AC9900C0F026715F06D6D5@WINDY\_COM>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks for all the info guys,  
The rig found a new home.  
Eric

-----  
Date: Wed, 12 Apr 2000 17:46:56 -0400  
From: Tom Isgro <k8cz@concentric.net>  
To: N5NW@midsouth.rr.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [67777] Re: Dayton "FDIM"?  
Message-ID: <38F4EED0.99D1AC9@concentric.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

How about

QRP,  
A whisper  
Heard 'round the World

--

72, 73 oo's  
Tom K8CZ Hamilton, OH  
FPqrp #-41, QRP-1 945, FISTS 2360, NORCAL 2113, ARCI 9606,  
10-10 68364, SCI 1479, ARS 203, ARRL

-----  
Date: Wed, 12 Apr 2000 22:52:16 +0100  
From: "Mel Evans" <mel@euramcom.freeserve.co.uk>  
To: <BBradfield@spectrapoint.com>  
Cc: <qrp-1@lehigh.edu>  
Subject: [67778] Re: Fwd: [CW] THE FINAL FINAL FINAL  
Message-ID: <000201bfa4ca\$1d00bd40\$4a3f883e@dsnqutvf>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit

Hi Gang,

Sorry, I think you're missing the point here! The station is NOT a commercial station for the purposes of this event. It is a bona-fide ham station USING the commercial aerials (antennae) and other gear before the station is finally closed down.

If you could use them, wouldn't you? Of course you would!

So work it and don't worry! You will get the usual dignified British operation of a rare event (VBG and Tongue in cheek)

Regards

Mel  
GM6JAG

-----Original Message-----

From: Bradfield, Brad V. <BBradfield@spectrapoint.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: 12 April 2000 21:54  
Subject: Re: Fwd: [CW] THE FINAL FINAL FINAL

Didn't think much about this when I originally posted it, and certainly didn't realize that it was opening such a can of worms.

There is some move afoot from a couple guys on the CW list requesting an STA from the FCC to work this British commercial station during this (final) special event. I'm not one of them, but if I hear anything additional I'll certainly pass it along here.

72's es 73's,

Brad, W5CGH

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|                    |       |                           |
|--------------------|-------|---------------------------|
| Brad Bradfield, PE | W5CGH | Test Staff Engineer       |
| (ex WB CGH)        |       | SpectraPoint Wireless LLC |

Real men talk with their fingers!

|                    |                      |            |
|--------------------|----------------------|------------|
| NORTEX             | NORCAL               | QRP-L #377 |
| SMIRK #4906        | QRP-ARCI #           | ARS #72    |
| Austin QRP Club #i | Alaska QRP Club #350 |            |

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Date: Wed, 12 Apr 2000 17:15:01 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: qrp-l@lehigh.edu  
Subject: [67779] Slogans  
Message-ID: <38F4E755.56F@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Guy,

Haven't we had enough of the silly season? Darned near all of you have tried to strain your brains to come up with the most telling slogan to describe QRP radio. The fact is that there is only one slogan that we should consider:

"QRP, it's ham radio"

Nothing special about QRP. There has never been and there never will be! It's just ham radio. The overwhelming percentage of hams have

never run more than 100 watts in their lives. That's only 1.5 S units  
above 5 watts. Not much, is it!

73

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End of QRP-L Digest 1789

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